

```

commandwindow
clear
clc
A= [2,3,7,9,4;3,7,9,12,5;4,8,5,6,9;5,9,2,4,5;6,2,3,7,8]
chima= det(A)
boms= transpose(A)
dugam= inv(A)
sym (dugam)
B=[0,10,4,-2;-3,-17,1,2;1,1,1,0;8,-34,16,-10]
C=[-4;2;6;4]
chimdugam=inv(B)
chimdugam*C

```

A =

2	3	7	9	4
3	7	9	12	5
4	8	5	6	9
5	9	2	4	5
6	2	3	7	8

chimdugam =

-765.0000

focus =

2	3	4	5	6
3	7	8	9	2
7	9	5	2	3
9	12	6	4	7
4	5	9	5	8

chimdugam =

1.8915	-1.4026	-0.3124	0.7843	-0.2078
-0.4379	0.3268	0.0523	-0.0392	-0.0196
2.5725	-1.8392	-0.0863	0.7647	-0.5176
-1.8876	1.4654	0.0105	-0.6078	0.3961
-0.6222	0.3778	0.2444	-0.3333	0.1333

ans =

[	1447/765,	-1073/765,	-239/765,	40/51,	-53/255]
[	-67/153,	50/153,	8/153,	-2/51,	-1/51]
[	656/255,	-469/255,	-22/255,	13/17,	-44/85]
[	-1444/765,	1121/765,	8/765,	-31/51,	101/255]
[	-28/45,	17/45,	11/45,	-1/3,	2/15]

B =

0	10	4	-2
-3	-17	1	2
1	1	1	0
8	-34	16	-10

C =

-4
2
6
4

dugam =

-0.1786	-0.1020	0.5714	0.0153
0.0357	-0.0153	0.0357	-0.0102
0.1429	0.1173	0.3929	-0.0051
-0.0357	0.1582	0.9643	-0.0612

ans =

4.0000
-0.0000
2.0000
6.0000

>>